# PAIG GRANT 2008 RECIPIENTS

**Discovering the Rich Heritage of the NOAA Incident Meteorologist (IMET) Program $15,000.** *The NOAA IMET program has been in existence for more than 90 years providing on-site support for wildfires. From horseback to two-way radio to today's modern technology, the IMET job has transformed to support more than wildfires, though wildland fire events remain the backbone of the service. This project will research, gather and archive materials related to the heritage of the IMET program. Interviews of former IMETs will be interviewed to capture the history of at least the past 50 years of the program. The project will develop a public educational display describing the nature, tool and purpose of the program in collaboration with the National Interagency Fire Center in Boise, Idaho, and a web-based timeline and historical narrative to link to numerous NOAA sites.*
Project Lead: David "Rusty" Billingsley, NOAA National Weather Service, Southern Regional Headquarters, Fort Worth, Texas.

**Muskegon Maritime Heritage Walkway $14,000** *This project will create a maritime heritage walkway that highlights the history of NOAA's Lake Michigan Field Station -built in 1905 by the Life Saving Service and transferred to NOAA's stewardship in 1990 -- and links to city parks and Federal properties (including Army Corps of Engineers and Coast Guard). It will be enhanced with interpretive signage detailing the history of the field station, resident agencies, local maritime industries and cultural heritage. The project will engage the public in NOAA's critical work that is being conducted on the Great Lakes and in West Michigan. The Thunder Bay NMS will lend support by providing historical research, access to archival databases and photographs, and assistance with graphic design.*
Project Lead: Dennis Donahue, NOAA Research, Great Lakes Environmental Research Laboratory, Lake Michigan Field Station, Muskegon, Michigan.

**From Fate to the Future: Relating the Lost 1871 Whaling Fleet and Today's Changing Arctic $16,000** *The Alaska Regional Team will develop a Science on a Sphere (SOS) playset to preserve and use NOAA and Alaskan Native Community climate, weather, oceanographic and fisheries data to tell the story of the storms and ice that doomed the 1871 Whaling Fleet. The program will related the perilous event in 1871in which 32 vessels were lost to current and future community, navigation, and safety issues in the rapidly changing Arctic. The media rich SOS playset will take the audience on a journey to see and understand the fleet and whales that brought them to this place; the climate of the period and weather that doomed the fleet; how survivors adapted to and impacted the local Native communities; and using historical NOAA storm datasets, show how storms form.*
Project Lead: Marla Trollan, NOAA Fisheries Service, Alaska Regional Collaboration Team, Juneau, Alaska

**Remembrance of Things Past: Shifting Expectations and Target for Restoration in the Chesapeake Bay $4,400** *The NOAA Chesapeake Bay Office will examine the way fishing communities and the seafood industry has changed in the lower Hampton Roads portion of the Chesapeake Bay over the last 100 years. This project will focus on the rise and fall (and rise again) of the once world-famous Lynnhaven oysters. Partnering with other NOAA programs, regional libraries and museums, a collection of photos, fisheries records, and written and oral accounts will be compiled to document the historical status of this fishery resource and the industry. Data analysis will be done to relate changes over time to ecosystem impacts. The project will produce exhibit materials for display at Nauticus and other regional museum partners.*
Project Leads: Andrew Larkin and Paula Jasinski, NOAA@Nauticus, NOAA Fisheries Service, Norfolk, Virginia

**TED Tales: Preserving an Celebrating a History of Innovation in NOAA Fisheries and the Shrimping Industry $18,000** *Partnering with the Maritime and Seafood Industry Museum in Biloxi, Mississippi and various Sea Grant programs, this project will collect and preserve early*

*1980s Turtle Excluder Device (TED) prototypes and oral histories from the inventors of early TEDs, the NOAA Fisheries and Sea Grant personnel central to the development of TEDs, and local shrimpers about their experiences using the early TEDs. A display of artifacts and information will be developed into an interpretive exhibit to capture the attention of K-12 students as well as adults.*
Project Lead: Lekelia Jenkins, NOAA Fisheries Service, Silver Spring, Maryland

**History and Stories of the National Weather Service's River Forecast Centers $1,500** *This project will document the history of the River Forecast Centers through interviews of retired personnel. The collected stories will allow current and future hydrologists to appreciate the advancements that have and are being made in NOAA's National Weather Service's river forecasting and hydrologic programs.*
Project Lead: A. Juliann Meyer, Missouri Basin River Forecast Center, NOAA National Weather Service, Pleasant Hill, Missouri.

**Kahalu'u Bay Cultural Heritage Project $16,000**
Building on the successful Environmental Education Project, originally supported by the NOAA Fisheries Office of Habitat Conservation, this project continues the multi-faceted educational effort to protect and preserve Kahalu'u Bay, a small and shallow premier snorkeling site on Hawai'i Island. The reef has an annual visitation of 450,000 people. Focusing on the Hawaiian cultural and spiritual life that is part of this Bay, the project will video interview Hawaiian cultural experts who have deep local knowledge of the natural, cultural, and spiritual resources of Kahalu'u Bay. These interviews will be streamed on a Kahalu'u Bay Project website and publicized to attract viewers. The adjacent Outrigger Keauhou Beach Resort will also showcase these interviews in their lobby so that visitors and local residents will have access. Lastly, a companion tri-fold brochure describing the history and cultural resources of the Kahalu'u and Keauhou Bay area will be developed and printed.
Project Lead: Allen Tom, Pacific Island Region, Office of National Marine Sanctuaries, NOAA Ocean Service, Kona, Hawaii.

**Leadlines, Multi-beam and Air Gap: A Historical Perspective for Grade-schoolers Using Interactive Displays $4,900** *This project will develop two interactive displays. The first,* Nautical Charting*, will explain the evolution of nautical charting form early leadline use to present day multibeam sonar. The second exhibit,* Navigating in the 21st Century*, will engage students in how ships safely transport cargo to and from port. The intended audiences for the exhibits are 5th to 6th graders for the former, and 7th to 8th for the latter. The displays will be designed to travel and may even take on the look of old steamer trunks, evoking a sense of history.*
Project Lead: LT Matthew J. Wingate, Office of Coast Survey, NOAA Ocean Service, Narragansett, Rhode Island.

**East End Lagoon, Fort Crockett and NOAA Services for Galveston $18,000**
Partnering with other NOAA programs in the Galveston area, this project will serve to enhance public understanding of the work NOAA has historically done on Galveston Island and how that work continues to be important. Two historic NOAA properties will serve as focal points for interpreting these services and engaging the public. The first is the NOAA Fisheries owned 140-acres that surround the East End Lagoon, the historical site of a fisheries research field station. It lies adjacent to a newly developing park and nature preserve. The second is the recently renovated Fort Crockett facility, home to both the Flower Gardens National Marine Sanctuary and NOAA Fisheries Galveston Laboratory. Project funds will be used to develop an exhibit and permanent outdoor interpretive signage to enhance public appreciation for the historic properties and increase understanding of the many services NOAA provides.
Project Leads: Heather Young and Kristopher Benson, Habitat Conservation Division, NOAA Fisheries Service, and G.P. Schmahl, Flower Gardens National Marine Sanctuary, NOAA Ocean Service, Galveston, Texas.

**Total funds awarded $107,800**